

GenCore version 5.1.4 p5.4578  
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OM nucleic - nucleic search, using sw model

Run on: March 15, 2003, 12:16:13 ; Search time 0.664702 Seconds  
(without alignments)  
9688.871 Million cell updates/sec

Title: US-08-978-217-14

Perfect score: 21  
Sequence: 1 GTACCTCATGCGCCGGCTCAG 21

Scoring table: IDENTITY\_NUC  
Gapop 10.0, Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-Processing: Minimum Match 0%

Listing first 45 summaries

Database : Issued Patents NA:\*

1: /cgn2\_6/prodata/1/ina/5A COMB.seq:\*  
2: /cgn2\_6/prodata/1/ina/5B COMB.seq:\*  
3: /cgn2\_6/prodata/1/ina/6A COMB.seq:\*  
4: /cgn2\_6/prodata/1/ina/6B COMB.seq:\*  
5: /cgn2\_6/prodata/1/ina/PCTUS COMB.seq:\*  
6: /cgn2\_6/prodata/1/ina/backfile1.seq:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
C 1	21	100.0	1920	1	US-08-746-789A-1	Sequence 1, Appl1
C 2	16.4	78.1	5499	3	US-08-479-7228-1	Sequence 1, Appl1
C 3	16.4	78.1	5502	5	PCT-US95-02251-17	Sequence 17, Appl1
C 4	16.2	77.1	2266	2	US-09-213-767-1	Sequence 1, Appl1
C 5	15.8	75.2	671	4	US-09-129-030-29	Sequence 29, Appl1
C 6	15.8	75.2	1479	4	US-08-868-373-3	Sequence 3, Appl1
C 7	15.8	75.2	1533	4	US-09-522-217-88	Sequence 88, Appl1
C 8	15.8	75.2	2224	4	US-09-221-017B-384	Sequence 384, Appl1
C 9	15.8	75.2	2877	4	US-09-619-353-1	Sequence 1, Appl1
C 10	15.8	75.2	3072	4	US-09-522-217-55	Sequence 55, Appl1
C 11	15.2	72.4	848	3	US-09-009-913-338	Sequence 338, Appl1
C 12	15.2	72.4	856	4	US-09-535-008-55	Sequence 55, Appl1
C 13	15.2	72.4	2385	4	US-08-352-902D-145	Sequence 145, Appl1
C 14	15.2	72.4	2484	2	US-08-209-521-8	Sequence 8, Appl1
C 15	15.2	72.4	2484	4	US-08-961-810-4	Sequence 4, Appl1
C 16	15.2	72.4	2484	4	US-08-352-902D-4	Sequence 4, Appl1
C 17	15.2	72.4	2535	4	US-08-284-312B-1	Sequence 1, Appl1
C 18	15.2	72.4	2535	4	US-08-468-024B-1	Sequence 1, Appl1
C 19	15.2	72.4	2667	2	US-08-469-412A-1	Sequence 1, Appl1
C 20	15.2	72.4	2667	4	US-09-021-715-1	Sequence 1, Appl1
C 21	15	71.4	827	4	US-09-333-599-5	Sequence 5, Appl1
C 22	15	71.4	870	4	US-09-333-599-1	Sequence 1, Appl1
C 23	14.8	70.5	778	4	US-08-998-416-220	Sequence 220, Appl1
C 24	14.8	70.5	1021	4	US-09-095-117-5	Sequence 5, Appl1
C 25	14.8	70.5	1030	4	US-09-095-117-7	Sequence 7, Appl1
C 26	14.8	70.5	5894	3	US-08-665-259-24	Sequence 24, Appl1
C 27	14.8	70.5	5894	3	US-08-762-500-24	Sequence 24, Appl1

C 28	14.8	70.5	6525	3	US-08-762-500-74	Sequence 74, Appl1
C 29	14.8	70.5	5965	4	US-09-813-817-3	Sequence 3, Appl1
C 30	14.8	70.5	5965	4	US-09-978-197-3	Sequence 3, Appl1
C 31	14.6	69.5	319	4	US-09-385-982-310	Sequence 310, Appl1
C 32	14.6	69.5	348	4	US-09-328-111-398	Sequence 398, Appl1
C 33	14.6	69.5	1402	1	US-08-447-965A-1	Sequence 1, Appl1
C 34	14.6	69.5	1465	4	US-09-444-336-6	Sequence 6, Appl1
C 35	14.6	69.5	1549	4	US-09-444-336-6	Sequence 6, Appl1
C 36	14.6	69.5	2267	4	US-08-679-645-25	Sequence 25, Appl1
C 37	14.6	69.5	2664	2	US-08-942-819-1	Sequence 1, Appl1
C 38	14.6	69.5	4800	3	US-08-941-445A-4	Sequence 4, Appl1
C 39	14.6	69.5	7130	4	US-09-056-105-31	Sequence 31, Appl1
C 40	14.6	69.5	14507	3	US-08-785-150-1	Sequence 1, Appl1
C 41	14.6	69.5	14507	4	US-09-660-299-1	Sequence 1, Appl1
C 42	14.6	69.5	14507	4	US-09-435-377-1	Sequence 1, Appl1
C 43	14.4	68.6	1246	1	US-08-097-828-2	Sequence 2, Appl1
C 44	14.4	68.6	1246	1	US-08-480-756-2	Sequence 2, Appl1
C 45	14.4	68.6	1246	2	US-08-462-403-2	Sequence 2, Appl1

## ALIGNMENTS

RESULT 1  
US-08-746-789A-1/c  
Sequence 1, Application US/08746789A  
Patent No. 5789200  
GENERAL INFORMATION:  
APPLICANT: Ismail Kola, Martin J. Tyms, Christine Debouck  
TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ELF3  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Smithkline Beecham Corporation  
STREET: 709 Swedeland Road, P.O. Box 1539  
CITY: King of Prussia  
STATE: PA  
COUNTRY: USA  
ZIP: 19406-0939  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM 486  
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
SOFTWARE: MICROSOFT WORD  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/746,789A  
FILING DATE: No. 5789200el 15, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: William T. Han  
REGISTRATION NUMBER: 34,344  
REFERENCE/DOCKET NUMBER: ATG 50024  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 610 270 5219  
TELEFAX: 610 270 4026  
INFORMATION FOR SEQ ID NO: 1:  
LENGTH: 1920  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: NO  
US-08-746-789A-1  
Query Match 100.0%; Score 21; DB 1; Length 1920;  
Best Local Similarity 100.0%; Pred. No. 0.23;  
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 GTACCTCATGCGCCGGCTCAG 21  
Db 1119 GTACCTCATGCGCCGGCTCAG 1099

RESULT 2  
US-08-479-722B-1/c  
Sequence 1, Application US/08479722B  
Patent No. 6074840  
GENERAL INFORMATION:  
APPLICANT: Bonadio, Jeffrey  
APPLICANT: Yin, Mushan  
TITLE OF INVENTION: LATENT TGF ( BINDING PROTEIN (LTBP)  
TITLE OF INVENTION: GENES, COMPOSITIONS AND METHODS  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Williams, Morgan & Amerson  
STREET: 7676 Hillmont, Suite 250  
CITY: Houston  
STATE: Texas  
COUNTRY: USA  
ZIP: 77040  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/479,722B  
FILING DATE: 07-JUN-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US PCT/US95/02251  
FILING DATE: 21-FEB-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/316,650  
FILING DATE: 30-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/199,780  
FILING DATE: 18-FEB-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Fussey, Shelley P.M.  
REGISTRATION NUMBER: 39,458  
REFERENCE/DOCKET NUMBER: 4100.000500/FUS  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (713) 934-7000  
TELEFAX: (713) 934-7011  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5499 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE:  
DESCRIPTION: /desc = "DNA"  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..5499  
US-08-479-722B-1

Query Match 78.1%; Score 16.4; DB 3; Length 5499;  
Best Local Similarity 94.4%; Pred. No. 34;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 3 ACCATGCGCCGGCTCA 20  
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Db 3158 ACCTCATAGCCCGGCTCA 3141

RESULT 3  
PCT-US95-02251-17/c  
Sequence 17, Application PC/TUS9502251  
GENERAL INFORMATION:  
APPLICANT:  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR STIMULATING BONE  
TITLE OF INVENTION: CELLS

NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: Texas  
COUNTRY: United States of America  
ZIP: 77210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII  
SOFTWARE: Patentin Release #1.0, Version  
SOFTWARE: #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/02251  
FILING DATE: CONCURRENTLY HERewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/316,650  
FILING DATE: 30-SEP-1994  
CLASSIFICATION:  
APPLICATION NUMBER: US 08/199,780  
FILING DATE: 18-FEB-1994  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Parker, David L.  
REGISTRATION NUMBER: 32,165  
REFERENCE/DOCKET NUMBER: UMICO09P--  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (512) 418-3000  
TELEFAX: (713) 789-2679  
TELEX: 79-0924  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5502 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "DNA"  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..5502  
PCT-US95-02251-17

Query Match 78.1%; Score 16.4; DB 5; Length 5502;  
Best Local Similarity 94.4%; Pred. No. 34;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 3 ACCATGCGCCGGCTCA 20  
|||||  
Db 3158 ACCTCATAGCCCGGCTCA 3141

RESULT 4  
US-09-213-767-1/c  
Sequence 1, Application US/09213767  
Patent No. 5948680  
GENERAL INFORMATION:  
APPLICANT: Brenda F. Baker  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION  
FILE REFERENCE: RTS-0024  
CURRENT APPLICATION NUMBER: US/09/213,767  
CURRENT FILING DATE: 1998-12-17  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 1  
LENGTH: 2266  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: CDS

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; LOCATION: (316)..(1602)
US-09-213-767-1
Query Match          77.1%; Score 16.2; DB 2; Length 2266;
Best Local Similarity 85.7%; Pred. No. 41;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 GTACCTCATGGCCCGGCTCAG 21
    |||||
Db 513 GTACCGCAGAGCCCGGCTGAG 493

RESULT 5
US-09-129-030-29
; Sequence 29, Application US/09129030A
; Patent No. 6242221
; GENERAL INFORMATION:
; APPLICANT: COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION
; TITLE OF INVENTION: GENOMIC PPO CLONES
; FILE REFERENCE: 57072-PCT-US
; CURRENT APPLICATION NUMBER: US/09/129,030A
; EARLIER FILING DATE: 1998-08-04
; EARLIER APPLICATION NUMBER: AU PNT856
; EARLIER FILING DATE: 1996-02-05
; EARLIER APPLICATION NUMBER: AU P02361
; EARLIER FILING DATE: 1996-09-16
; EARLIER APPLICATION NUMBER: PCT/AU97/00041
; EARLIER FILING DATE: 1997-01-24
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 29
; LENGTH: 671
; TYPE: DNA
; ORGANISM: LETTUCE
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(669)
US-09-129-030-29

Query Match          75.2%; Score 15.8; DB 4; Length 671;
Best Local Similarity 89.5%; Pred. No. 60;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2 TACCTCATGGCCCGGCTCA 20
    |||||
Db 455 TACCACATGGCCCGGCTTCA 473

RESULT 6
US-08-868-373-3
; Sequence 3, Application US/08868373
; Patent No. 6307128
; GENERAL INFORMATION:
; APPLICANT: Jaworski, Jan G.
; APPLICANT: Post-Beltemmiller, Martha A.
; APPLICANT: Todd, James
; TITLE OF INVENTION: FATTY ACID ELONGASES
; FILE REFERENCE: 07148/064001
; CURRENT APPLICATION NUMBER: US/08/868,373
; CURRENT FILING DATE: 1997-06-03
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 1479
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-08-868-373-3

Query Match          75.2%; Score 15.8; DB 4; Length 1479;
Best Local Similarity 89.5%; Pred. No. 62;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2 TACCTCATGGCCCGGCTCA 20
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Db 211 TACCTCATGACCGGCCCA 229

RESULT 7
US-09-522-217-88
; Sequence 88, Application US/09522217
; Patent No. 6307024
; GENERAL INFORMATION:
; APPLICANT: No. 6307024k, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/522,217
; EARLIER FILING DATE: 2000-03-09
; EARLIER APPLICATION NUMBER: US 60/123,547
; EARLIER FILING DATE: 1999-03-09
; EARLIER APPLICATION NUMBER: US 60/123,904
; EARLIER FILING DATE: 1999-03-11
; EARLIER APPLICATION NUMBER: US 60/142,013
; EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 88
; LENGTH: 1533
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: MBP-mouse zalphal1 ligand fusion polynucleotide
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(1533)
US-09-522-217-88

Query Match          75.2%; Score 15.8; DB 4; Length 1533;
Best Local Similarity 89.5%; Pred. No. 62;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3 ACTCTCATGGCCCGGCTCAG 21
    |||||
Db 1364 ACTCTGTGGCCCGGCTCAG 1382

RESULT 8
US-09-221-017B-384
; Sequence 384, Application US/09221017B
; Patent No. 6444799
; GENERAL INFORMATION:
; APPLICANT: Rose, Bruce C.
; TITLE OF INVENTION: P. GINGIVALIS NUCLEOTIDES AND USES THEREOF
; NUMBER OF SEQUENCES: 1120
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/221,017B
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; FILING DATE: 23-DEC-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PP1182
; FILING DATE: 31-DEC-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PP1546
; FILING DATE: 30-JAN-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PP2911
; FILING DATE: 09-APR-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/AU98/01023
; FILING DATE: 10-DEC-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Monroy, Gladys H
; REGISTRATION NUMBER: 32,430
; REFERENCE/DOCKET NUMBER: 27340-20021.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 384:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2224 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: circular
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: UNKNOWN
; ORIGINAL SOURCE:
; ORGANISM: PORYPHYROMONAS GINGIVALIS
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1...2224
;
US-09-221-017B-384
Query Match 75.2%; Score 15.8; DB 4; Length 2224;
Best Local Similarity 89.5%; Pred. No. 63;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2 TACCTCATGCCCCGGCTCA 20
Db 1449 TACCACATGCCCCGGCACA 1467

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US-09-619-353-1
Query Match 75.2%; Score 15.8; DB 4; Length 2877;
Best Local Similarity 89.5%; Pred. No. 64;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2 TACCTCATGCCCCGGCTCA 20
Db 2323 TACCTCATGCGCTGGTCA 2341

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US-09-619-353-1
Query Match 75.2%; Score 15.8; DB 4; Length 3072;
Best Local Similarity 89.5%; Pred. No. 64;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 3 ACCTCATGCCCCGGCTCAG 21
Db 325 ACCTGTCGCCAGCTCAG 343

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US-09-913-338/C
; Sequence 338, Application US/09009913
; Patent No. 6087485
; GENERAL INFORMATION:
; APPLICANT: Axy's Pharmaceuticals, Inc.
; TITLE OF INVENTION: Asthma Related Genes
; NUMBER OF SEQUENCES: 339
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bozicevic & Reed, LLP
; STREET: 285 Hamilton Ave, Suite 200
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette

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COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/009,913  
FILING DATE: 21-Jan-1998  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Sherwood, Pamela J  
REGISTRATION NUMBER: 36,677  
REFERENCE/DOCKET NUMBER: SEQ-4P  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-327-3231  
TELEFAX: 650-327-3231  
TELEX:  
INFORMATION FOR SEQ ID NO: 338:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 848 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
FEATURE:  
NAME/KEY: Coding Sequence  
LOCATION: 1..848  
OTHER INFORMATION:  
US-09-009-913-338

Query Match 72.4%; Score 15.2; DB 3; Length 848;  
Best Local Similarity 85.0%; Pred. No. 1.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 TACTCATGCGCCGCTCAG 21  
Db 806 TATCTCATAGCCCGCTGAG 787

RESULT 12  
US-09-535-008-55/c  
Sequence 55, Application US/09535008  
Patent No. 6465629  
GENERAL INFORMATION:  
APPLICANT: Wong, Alexander K.C.  
APPLICANT: Tavligian, Sean V.  
APPLICANT: Teng, David H.-F.  
TITLE OF INVENTION: BRG1 IS A TUMOR SUPPRESSOR THAT IS MUTATED IN PROSTATE  
FILE REFERENCE: 2318-259  
CURRENT APPLICATION NUMBER: US/09/535,008  
CURRENT FILING DATE: 2000-03-23  
EARLIER APPLICATION NUMBER: U.S. 60/125,806  
EARLIER FILING DATE: 1999-03-23  
NUMBER OF SEQ ID NOS: 77  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 55  
LENGTH: 856  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-535-008-55

Query Match 72.4%; Score 15.2; DB 4; Length 856;  
Best Local Similarity 85.0%; Pred. No. 1.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 GTACCTCATGCGCCGCTCA 20  
Db 718 GTTCTCATAGCCCGCTCA 699

RESULT 13

US-08-352-902D-145/c  
Sequence 145, Application US/08352902D  
Patent No. 6191268  
GENERAL INFORMATION:  
APPLICANT: Liakay, Robert M.  
APPLICANT: Bronner, C. Eric  
APPLICANT: Baker, Sean M.  
APPLICANT: Bollag, Roni J.  
APPLICANT: Kolodner, Richard D.  
TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATING TO DNA  
MISMATCH REPAIR GENES  
NUMBER OF SEQUENCES: 149  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Kolisch, Hartwell, Dickinson, McCormack &  
Heuser  
STREET: 520 S.W. Yamhill Street, Suite 200  
CITY: Portland  
STATE: Oregon  
COUNTRY: U.S.A.  
ZIP: 97204  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/352,902D  
FILING DATE: 09-Dec-1994  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Van Rysselberghe, Pierre C.  
REGISTRATION NUMBER: 33,557  
REFERENCE/DOCKET NUMBER: OHSU 306B  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (503) 224-6655  
TELEFAX: (503) 295-6679  
TELEX: 360619  
INFORMATION FOR SEQ ID NO: 145:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2385 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
POSITION IN GENOME:  
MAP POSITION: Human Chromosome 3p21.3-23  
SEQUENCE DESCRIPTION: SEQ ID NO: 145:  
US-08-352-902D-145

Query Match 72.4%; Score 15.2; DB 4; Length 2385;  
Best Local Similarity 85.0%; Pred. No. 1.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 GTACCTCATGCGCCGCTCA 20  
Db 1456 GAACCTCATGTCCTGCTCA 1437

RESULT 14  
US-08-209-521-8/c  
Sequence 8, Application US/08209521  
Patent No. 5922855  
GENERAL INFORMATION:  
APPLICANT: Liakay, Robert M.  
APPLICANT: Bronner, C. Eric  
APPLICANT: Baker, Sean M.  
APPLICANT: Bollag, Roni J.  
APPLICANT: Kolodner, Richard D.  
TITLE OF INVENTION: MAMMALIAN DNA MISMATCH REPAIR GENES  
NUMBER OF SEQUENCES: 30  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Kolisch, Hartwell, Dickinson, McCormack &

ADDRESSEE: Heuser  
STREET: 520 S.W. Yamhill, Suite 200  
CITY: Portland  
STATE: Oregon  
COUNTRY: US  
ZIP: 97204  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/209,521  
FILING DATE: 08-MAR-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Van Rysselberghe, Pierre C.  
REGISTRATION NUMBER: 33,557  
REFERENCE/DOCKET NUMBER: OHSU 306A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (503) 224-6655  
TELEFAX: (503) 295-6679  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2484 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
POSITION IN GENOME:  
MAP POSITION: 3p21.3-23  
US-08-209-521-8

Query Match 72.4% Score 15.2; DB 2; Length 2484;  
Best Local Similarity 85.0%; Pred. No. 1.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 GTACCTCATGGCCCGGCTCA 20  
Db 1582 GAACCTCATGTCCCTGCTCA 1563

RESULT 15  
US-08-961-810-4/c  
Sequence 4, Application US/08961810  
Patent No. 6165713  
GENERAL INFORMATION:  
APPLICANT: Liskay, Robert M.  
APPLICANT: Bromer, C. Eric  
APPLICANT: Baker, Sean M.  
APPLICANT: Bollag, Ronl J.  
APPLICANT: Kolodner, Richard D.  
TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATING TO DNA  
TITLE OF INVENTION: MISMATCH REPAIR GENES  
NUMBER OF SEQUENCES: 134  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Kolisch, Hartwell, Dickinson, McCormack &  
STREET: 520 S.W. Yamhill Street, Suite 200  
CITY: Portland  
STATE: Oregon  
COUNTRY: U.S.A.  
ZIP: 97204  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/961,810  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:

NAME: Van Rysselberghe, Pierre C.  
REGISTRATION NUMBER: 33,557  
REFERENCE/DOCKET NUMBER: OHSU 306B  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (503) 224-6655  
TELEFAX: (503) 295-6679  
TELEX: 360619  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2484 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-961-810-4

Query Match 72.4% Score 15.2; DB 4; Length 2484;  
Best Local Similarity 85.0%; Pred. No. 1.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 GTACCTCATGGCCCGGCTCA 20  
Db 1582 GAACCTCATGTCCCTGCTCA 1563

Search completed: March 15, 2003, 15:13:12  
Job time : 4.6647 secs